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☐ 1: AAD13192. NAD-dependent DNA...[gi:4235378]

BLink, Domains, Links

LOCUS AAD13192 537 aa linear BCT 08-FEB-1999

DEFINITION NAD-dependent DNA ligase [Thermus filiformis].

ACCESSION AAD13192

VERSION AAD13192.1 GI:4235378

DBSOURCE locus AF092866 accession AF092866.1

KEYWORDS

SOURCE Thermus filiformis

ORGANISM Thermus filiformis

Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus.

REFERENCE 1 (residues 1 to 537)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Biochemical properties of a high fidelity DNA ligase from Thermus species AK16D

JOURNAL Nucleic Acids Res. 27 (3), 788-794 (1999)

MEDLINE 99108143

PUBMED 9889274

REFERENCE 2 (residues 1 to 537)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Direct Submission

JOURNAL Submitted (18-SEP-1998) Microbiology, The Joan and Sanford I. Weill Medical College of Cornell University, 1300 York Avenue, Box 62, New York, NY 10021, USA

COMMENT Method: conceptual translation supplied by author.

FEATURES

source

Location/Qualifiers

1..537

/organism="Thermus filiformis"

/strain="Tok6A1"

/db_xref="taxon:276"

Protein

<1..>537

/product="NAD-dependent DNA ligase"

CDS

1..537

/coded_by="AF092866.1:<1..>1611"

/transl_table=11

ORIGIN

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121 evrgevypmi eaflrlneel eergekvfkn prnaaagslr qkdprvtakr glratfyalg
181 lgleesglks qyellllwlke kgfpvehgye kalgaegvee vyrrflaqrh alpfeadgvv
241 vklddlalwr elgytarapr falaykfpa eketrlldvv fqvgtrgrvt pvgvlepvti
301 egsevsrvtl hnesyieeld irigdwvlvh kaggvipevl rvlkertrtge erpirwpet
361 pecghrlvke gkvhrpcnpl cpakrfeair hyasrkamdi eglgeklier llekglvrdr
421 adlyhlrked llglermgek saqnllrqie eskhrgerl lyalglpgvg evlarnlarr
481 fgtmdrlllea sleellevee vgeltarail etlkdpafdr lvrrlkeagv smeskee

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